As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

Ivorydale Technical Center, 5299 Spring Grove Avenue, Cincinnati, Ohio 45217

City

Street

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint

	isted below) of the subject man				
	Polymeric Glycols for Improve	d Dishwasning Detergent Com	positions		
the specification of which	is attached hereto.				
(check []		ο IIπ:tad	States Application No. or		
one) [x]	was filed on February 8, 200		States Application No. or		
		on Serial No. <u>PCT/US00/0323</u>	<u> </u>		
	and was amended on	//C 1/ 11 \			
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	ve reviewed and understand the	e contents of the above identification	ed specification, including the		
claims, as amended by any am		• • • • • • • • • • • • • • • • • • • •	1		
	y to disclose information whic	h is material to patentability a	s defined in Title 37 Code of		
Federal Regulations §1.56.		5.17 () () () () () () ()	(1) 00(5(1) 0 0 1		
	priority benefits under Title 3				
	eventor's certificate, or §365(a				
	the United States of America				
	ntor's certificate, or of any PCT	i international application havi	ng a filing date before that of		
the application on which prior	ity is claimed:				
Prior Foreign Applicati	on(s)	Prio	rity Claimed		
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Second Control of the	der Title 35, United States Co				
listed below.		· · · · · · · · · · · · · · · · · · ·	P(-)		
60/119,044	February 8, 1999				
Application Serial No.		Application Serial No.	Filing Date		
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I hereby claim the benefit under Title 35 United States Code §120 of any United States application(s), or §365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of					
each of the claims of this app					
manner provided by the firs					
information which is material					
available between the filing	date of the prior application	and the national of PC1 int	ernational filing date of this		
application:	DOT D	Daniel Pilina Data	Daniel Data Marilan		
U.S. Parent Application	PCT Parent	Parent Filing Date	Parent Patent Number		
Number	Number	(MM/DD/YYYY)	(If applicable)		
			<u> </u>		
As named inventor, I hereby a	appoint the following registered	d practitioner(s) to prosecute the	nis application and transact all		
	demark Office connected there		• •		
Atty Name		of Attorney Attached			
Kim William Zerby	32,323	[] Yes [X] No			
Jacobus C. Rasser	37,043	[] Yes [X] No			
T. David Reed	32,931	[] Yes [X] No			
Timothy B. Guffey	41,048	[] Yes [X] No			
Brian M. Bolam	37,513	[] Yes [X] No			
C. Brant Cook	39,151	[] Yes [X] No			
D. Mitchell Goodrich	42,592	[] Yes [X] No			
SEND CORRESPONDENCE	10:				
D. Mitchell Goodrich		(512) (27 (252			
The Procter & Gamble Compa Name	any	(513) 627-6250			
		Phone No.			

State

Zip Code

Full name of sole or	first joint inventor Joanna Margaret Clarke	
Inventor's signature		
	Date	
Residence Rue Van	Campenhout 12, B-1000, Brussels, Belgium	•
Citizenship British		
<u> </u>	The Procter & Gamble Company, Ivorydale Technical Center	
Tost Office Hadress	5299 Spring Grove Avenue, Cincinnati, Ohio 45217	
	3299 Spring Grove Avenue, Chichinati, Olio 43217	
Full name of second	igint inventor if any Corry Vannath Emblaton	
	joint inventor, if any Garry Kenneth Embleton	
inventor's signature _		
	Date	
	A, Strombeek-Bever, Grimberger B1853, Belgium	
Citizenship Belgium		
Post Office Address	The Procter & Gamble Company, Ivorydale Technical Center	
	5299 Spring Grove Avenue, Cincinnati, Ohio 45217	
T		
Full name of third jo	pint inventor, if any Howard David Hutton	
Inventor's signature	1-15-17-100	
1	Date	
Residence 2745 Jess	sica Street, Loveland, Ohio 45140	
United S		`
	The Procter & Gamble Company, Ivorydale Technical Center	
]	5299 Spring Grove Avenue, Cincinnati, Ohio 45217	
ij	5255 Spring Grove rivende, Chlerinian, Onto 15217	
	joint inventor, if any Mark Leslie Kacher	
Inventor's signature	Mark Lesite Racher	
	Date	
≕ - Docidonas 0721 Mar	ontclaire, Mason, Ohio 45040	
		
Citizenship United S		
Post Office Address	The Procter & Gamble Company, Ivorydale Technical Center	
	5299 Spring Grove Avenue, Cincinnati, Ohio 45217	
	int inventor, if any John David Sadler	
Inventor's signature _		
	Date	
	fore Court, Cincinnati, Ohio 45245	
Citizenship United S	States	
Post Office Address	The Procter & Gamble Company, Ivorydale Technical Center	
	5299 Spring Grove Avenue, Cincinnati, Ohio 45217	
	`	
Full name of sixth jo	pint inventor, if any Deborah Pancheri Wallace	
Inventor's signature		
	Date	
Residence 802 Shak	kertown Court, Montgomery, Ohio 45242	
Citizenship United S		
	The Procter & Gamble Company, Ivorydale Technical Center	
1 OSE OTHEC Address	5299 Spring Grove Avenue, Cincinnati, Ohio 45217	
	3277 Spring Grove Avenue, Cincinnan, Onto 43217	

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name

	My residence, post office add	ress and citizenship are as	stated below hex	it to my name.		
		listed below) of the subject	matter which is	claimed and for v) or an original, first and joint which a patent is sought on the appositions	
		to associate differents				
	(check []	is attached hereto.				
	one) [x]	was filed on February 8.			l States Application No. or	
		PCT International Appli	ication Serial No	. <u>PCT/US00/032</u>	31	
		and was amended on				
			(if appli	cable)		
	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of					
	Federal Regulations §1.56.	,				
		priority handits under Tit	le 25 United Sta	tes Code \$110(a)	-(d) or §365(b) of any foreign	
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					oplication which designated at	
	least one country other than	the United States of Ame	erica, listed belo	w and have also	identified below any foreign	
	application for patent or inver	ntor's certificate, or of any	PCT internation	al application hav	ing a filing date before that of	
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	Prior Foreign Applicat	ion(s)		Prio	ority Claimed	
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	PCT International application of each of the claims of this a manner provided by the first	ndesignating the United St pplication is not disclosed of paragraph of Title 35 U	ates of America in the prior Unito Jnited States Co	, listed below and ed States or PCT l ode §112, I ackno	plication(s), or §365(c) of any, insofar as the subject matter international application in the owledge the duty to disclose gulations §1.56 which became	
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Γ	U.S. Parent Application	PCT Parent	Parent	Filing Date	Parent Patent Number	
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	As named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and transact all					
	business in the Patent and Tra	demark Office connected t	herewith:			
	Atty Name	Atty Reg Number.	of Attorney	Attached		
	Kim William Zerby	32,323	[] Yes	[X] No		
	Jacobus C. Rasser	37,043	[] Yes	[X] No		
	T. David Reed	32,931	[] Yes	[X] No		
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	Brian M. Bolam	37,513	[] Yes	[X] No		
	C. Brant Cook	39,151	[] Yes	[X] No		
	D. Mitchell Goodrich	42,592	[] Yes	[X] No		
	SEND CORRESPONDENCE D. Mitchell Goodrich	TO:				
	The Procter & Gamble Compa	anv	(513) 62	7-6250		
	Name Phone No.					
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	Street	City	State	Zip Code		
		- <i>j</i>		P 00 00		

Full name of sole or firs	t joint inventor Joanna Margaret Clarke	
<u> </u>		Date
Residence Rue Van Car	mpenhout 12, B-1000, Brussels, Belgium	
Citizenship British		
<u> </u>	he Procter & Gamble Company, Ivorydale Technical Cent	ter
	299 Spring Grove Avenue, Cincinnati, Ohio 45217	
<u>-</u>	2// 5/11/2014	
Full name of second joir	nt inventor, if any Garry Kenneth Embleton	
	<u>Jany remonstration</u>	
		Date
Residence 226 Varsity	Avenue, Princeton, New Jersey, 08540	2
Citizenship British	Avenue, Timecton, Ivew Bersey, 003 10	11.000
	he Procter & Gamble Company, Ivorydale Technical Cent	ter
	299 Spring Grove Avenue, Cincinnati, Ohio 45217	
	299 Spring Grove Avenue, Cinemian, Onio 43217	
Full name of third joint i	inventor, if any Howard David Hutton	
3	inventor, if any Howard David Hutton	
i		Date
Pasidanaa 2745 Iasaisa	Street Loyaland Ohio 45140	Date
· · · · · · · · · · · · · · · · · · ·	Street, Loveland, Ohio 45140	
Citizenship United State		tor
	the Procter & Gamble Company, Ivorydale Technical Cent	lei
3	299 Spring Grove Avenue, Cincinnati, Ohio 45217	
Full many a of favorth injury	timesenten if any Mark Laslia Kashan	
Full name of fourth joint	t inventor, if any Mark Leslie Kacher	/2/25
Full name of fourth joint Inventor's signature		/2/20 Data
Inventor's signature <u>//</u>	& Sedil Kerl 5	/2/00 Date
Inventor's signature	aire, Mason, Ohio 45040	
Residence <u>9731 Montel</u> Citizenship <u>United State</u>	Seslid Seel. 5 laire, Mason, Ohio 45040 es	Date
Residence <u>9731 Montel</u> Citizenship <u>United State</u> Post Office Address <u>T</u>	Asson, Ohio 45040 es he Procter & Gamble Company, Ivorydale Technical Cen	Date
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Residence <u>9731 Montel</u> Citizenship <u>United State</u> Post Office Address <u>T</u> 5: Full name of fifth joint i	laire, Mason, Ohio 45040 es he Procter & Gamble Company, Ivorydale Technical Cen 299 Spring Grove Avenue, Cincinnati, Ohio 45217 inventor, if any John David Sadler	Date
Residence 9731 Montel Citizenship United State Post Office Address T 5: Full name of fifth joint i Inventor's signature	Asire, Mason, Ohio 45040 es he Procter & Gamble Company, Ivorydale Technical Cen 299 Spring Grove Avenue, Cincinnati, Ohio 45217 Inventor, if any John David Sadler	Date
Residence 9731 Montel Citizenship United State Post Office Address	A Seclible L 5 Iaire, Mason, Ohio 45040 es The Procter & Gamble Company, Ivorydale Technical Center 299 Spring Grove Avenue, Cincinnati, Ohio 45217 Inventor, if any John David Sadler E Court, Cincinnati, Ohio 45245	Date
Residence 9731 Montel Citizenship United State Post Office Address	Asire, Mason, Ohio 45040 es he Procter & Gamble Company, Ivorydale Technical Cen 299 Spring Grove Avenue, Cincinnati, Ohio 45217 Inventor, if any John David Sadler e Court, Cincinnati, Ohio 45245 es	Date
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Page 1 of 2 Attorney Docket No. 7408

As a below named inventor, I hereby declare that:

Street

City

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled <u>Diols and Polymeric Glycols for Improved Dishwashing Detergent Compositions</u> the specification of which (check is attached hereto. one) [x]was filed on February 8, 2000 _ as United States Application No. or PCT International Application Serial No. PCT/US00/03231 and was amended on _ (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56. I hereby claim foreign priority benefits under Title 35 United States Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s) **Priority Claimed** П Π (Day/Month/Year Filed) (Number) (Country) Yes No I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below. 60/119,044 February 8, 1999 Application Serial No. Filing Date Application Serial No. Filing Date ☐ I hereby claim the benefit under Title 35 United States Code §120 of any United States application(s), or §365(c) of any EX PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35 United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application: U.S. Parent Application **PCT Parent** Parent Filing Date Parent Patent Number Number Number (MM/DD/YYYY) (If applicable) As named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Atty Name Atty Reg Number. of Attorney Attached Kim William Zerby 32,323 [] Yes [X] No Jacobus C. Rasser 37,043 [] Yes [X] No T. David Reed 32,931 [] Yes [X] No Timothy B. Guffey 41,048 [] Yes [X] No Brian M. Bolam 37,513 [] Yes [X] No C. Brant Cook 39,151 [] Yes [X] No D. Mitchell Goodrich 42,592 [] Yes [X] No SEND CORRESPONDENCE TO: D. Mitchell Goodrich The Procter & Gamble Company (513) 627-6250 Name Phone No. Ivorydale Technical Center, 5299 Spring Grove Avenue, Cincinnati, Ohio 45217

State

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Full name of sole or first joint inventor <u>Joanna Margaret Clarke</u>	
Inventor's signature	
	Date
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Citizenship British	
Post Office Address The Procter & Gamble Company, Ivorydale Technical Cen	iter
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Full name of second joint inventor, if any Garry Kenneth Embleton	
Inventor's signature	
	Date
Residence Treft 68A, Strombeek-Bever, Grimberger B1853, Belgium	
Citizenship Belgium	
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Full name of third joint inventor, if any Howard David Hutton	
Inventor's signature	
	Date
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Citizenship United States	
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SELVE SPINIS GIOVE THEMAS, OMERIMAN, OME 1821	
Full name of fourth joint inventor, if any Mark Leslie Kacher	
Inventor's signature	
	Date
Residence 9731 Montclaire, Mason, Ohio 45040	Dute
Citizenship United States	
Post Office Address The Procter & Gamble Company, Ivorydale Technical Cer	nter
5299 Spring Grove Avenue, Cincinnati, Ohio 45217	1101
2222 Apriling Grove Tivenae, Omenman, One 13217	
Full name of fifth joint inventor, if any John David Sadler	
Inventor's signature John David Saule	4-17-00
The state of the s	Date
Residence 3636 Parfore Court, Cincinnati, Ohio 45245	Duit
Citizenship United States	
Post Office Address The Procter & Gamble Company, Ivorydale Technical Cer	nter
5299 Spring Grove Avenue, Cincinnati, Ohio 45217	THO I
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Full name of sixth joint inventor, if any Deborah Pancheri Wallace	
Inventor's signature	
	Date
Residence 802 Shakertown Court, Montgomery, Ohio 45242	
Citizenship United States	
Post Office Address The Procter & Gamble Company, Ivorydale Technical Cer	nter
5299 Spring Grove Avenue, Cincinnati, Ohio 45217	AXXA
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As a below named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Diols and Polymeric Glycols for Improved Dishwashing Detergent Compositions the specification of which

(check	[]	is attached hereto.	
one)	[x]	was filed on February 8, 2000	as United States Application No. or
		PCT International Application Serial No.	PCT/US00/03231
		and was amended on	
		(if application)	able)

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I hereby claim foreign priority benefits under Title 35 United States Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed		
			[]		
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
I hereby claim the benefit	under Title 35, United S	States Code §119(e) of any United	d States	provisional	application(s)
listed below.					
60/119,044	February 8, 1999				
Application Serial No.	Filing Date	Application Serial No.	·	Filing Date	

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U.S. Parent Application	PCT Parent	Parent Filing Date	Parent Patent Number
Number	Number	(MM/DD/YYYY)	(If applicable)

As named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Jacobus C. Rasser	37,043	[] Yes	[X] No		
T. David Reed	32,931	[] Yes	[X] No		
Timothy B. Guffey	41,048	[] Yes	[X] No		
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D. Mitchell Goodrich	42,592	[] Yes	[X] No		
SEND CORRESPONDEN	CE TO:				
D. Mitchell Goodrich					
The Procter & Gamble Cor	npany	(513) 6	27-6250		
Name Phone No.			No.		
Ivorydale Technical Center	Ivorydale Technical Center, 5299 Spring Grove Avenue, Cincinnati, Ohio 45217				
Street	City	State	Zip Code		



	Full name of sole or first joint inventor <u>Joanna Margaret Clarke</u>	•
	Inventor's signature	
		Date
	Residence Rue Van Campenhout 12, B-1000, Brussels, Belgium	Dute
	Citizenship British	
	•	
	Post Office Address The Procter & Gamble Company, Ivorydale Technical Ce	nter
	5299 Spring Grove Avenue, Cincinnati, Ohio 45217	
	Full name of second joint inventor, if any Garry Kenneth Embleton	
	Inventor's signature 20	HAPRIL 2000
		Date
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	Citizenship British	
interes.	Post Office Address The Procter & Gamble Company, Ivorydale Technical Ce	nter
<u>_</u>	5299 Spring Grove Avenue, Cincinnati, Ohio 45217	
1		
ā	Full name of third joint inventor, if any Howard David Hutton	
	Inventor's signature	
	Inventor 5 signature	Date
m	Residence 2745 Jessica Street, Loveland, Ohio 45140	Date
-	Citizenskie Heited States	
N	Citizenship United States	
E	Post Office Address The Procter & Gamble Company, Ivorydale Technical Ce	nter
	5299 Spring Grove Avenue, Cincinnati, Ohio 45217 Full name of fourth joint inventor, if any Mark Leslie Kacher Inventor's signature	
	Full name of fourth joint inventor, if any Mark Leslie Kacher	
L	Inventor's signature	
m		Date
	Residence 9731 Montclaire, Mason, Ohio 45040	
,	Citizenship United States	
٠	Post Office Address The Procter & Gamble Company, Ivorydale Technical Company	enter
	5299 Spring Grove Avenue, Cincinnati, Ohio 45217	
	Full name of fifth joint inventor, if any John David Sadler	
	Inventor's signature	
		Date
	Residence 3636 Parfore Court, Cincinnati, Ohio 45245	
	Citizenship United States	
	Post Office Address The Procter & Gamble Company, Ivorydale Technical Company	enter
	5299 Spring Grove Avenue, Cincinnati, Ohio 45217	Sitter .
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	Residence 802 Shakertown Court, Montgomery, Ohio 45242	<u></u>
	Citizenship United States	
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	5299 Spring Grove Avenue Cincinnati Ohio 45217	



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

wiy residence, post office add	ress and entizenship are as	stated below liext	to my name.		
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Diols and Polymeric Glycols for Improved Dishwashing Detergent Compositions the specification of which (check [] is attached hereto. one) [x] was filed on February 8, 2000 as United States Application No. or PCT International Application Serial No. PCT/US00/03231 and was amended on (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specification, including the					
claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56. I hereby claim foreign priority benefits under Title 35 United States Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at					
least one country other than application for patent or inver the application on which prior	ntor's certificate, or of any				
Prior Foreign Applicati (Number)	(Country) (Day/Month/Year I	Filed) Yes		
I hereby claim the benefit un listed below. 60/119,044 Application Serial No.	February 8, 1999 Filing Date	es Code §119(e) o		tes provisional application(s) Filing Date	
I hereby claim the benefit und PCT International application of each of the claims of this ap manner provided by the firs information which is material available between the filing application:	der Title 35 United States designating the United Spelication is not disclosed t paragraph of Title 35 l to patentability as defined date of the prior application.	Code §120 of any States of America, I in the prior United United States Coded in Title 37 Code ation and the nation	United States app listed below and, d States or PCT In de §112, I ackno- le of Federal Reg- onal or PCT into	olication(s), or §365(c) of any insofar as the subject matter international application in the owledge the duty to disclose ulations §1.56 which became ernational filing date of this	
U.S. Parent Application Number	PCT Parent Number		Filing Date DD/YYYY)	Parent Patent Number (If applicable)	
As named inventor, I hereby a business in the Patent and Tra Atty Name Kim William Zerby Jacobus C. Rasser T. David Reed Timothy B. Guffey Brian M. Bolam C. Brant Cook D. Mitchell Goodrich SEND CORRESPONDENCE D. Mitchell Goodrich The Procter & Gamble Compa	demark Office connected Atty Reg Number. 32,323 37,043 32,931 41,048 37,513 39,151 42,592 TO:		Lttached [X] No	is application and transact all	
<u>Ivorydale Technical Center, 5</u> Street	299 Spring Grove Avenue City				
GHOOL	City	State	Zip Code		





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5299 Spring Grove Avenue, Cincinnati, Ohio 45217	
3277 Spring Grove Avenue, Chieffinau, Onto 43217	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the U.S. National Phase Entry
Under 35 USC 371 from
International Application of
CLARKE, Joanna Margaret et al.
Int'l. Application No. PCT/US00/03231
Filed in the RO/US on 08 February 2000
Entitled: Diols and Polymeric Glycols in
Dishwashing Detergent Compositions

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents Box PCT Washington, D.C. 20231

Dear Sir:

You are requested to recognize K. W. Zerby (Registration No. 32,323), J. V. Bamber (Registration No. 31,148), J. J. Camp (Registration No. 44,582), B. M. Bolam (Registration No. 37,513) and F. C. Turner (Registration No. 39,863) of The Procter & Gamble Company, Cincinnati, Ohio, as Associate Attorneys to prosecute this application, to make alterations and amendments therein, and to transact all business in the Patent Office connected with the application or with the patent granted thereupon.

Please address all future communications to:

F. Taffy Customer Number 27748

Respectfully submitted for Applicants,

By

T. David Reed Agent for Applicant Registration No. 32,931

Cincinnati, Ohio
02 August 2001
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